Under the Paperwork Reduction Act of 1995, no persons are required to	respond to a	collection of	Pate informat	nt and Trademai ion unless it dis	rk Office: U.S. DEPARTMENT OF COMME plays a valid OMB control number.	RCE	
UTILITY	ey Docket No. TROT1						
PATENT APPLICATION	First Inv						
TRANSMITTAL (Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))	1			R STRUCTURAL	S.		
(Only for new non-provisional applications and 37 Cir. A. § 1.33(0))	WATE	RPRO			\ 		
	Express	Mail Labe	l No.	EV333	127427US	70/	
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application conte	ADDRESS TO: Commissioner for Patents P. O. Box 1450 Mail Stop Patent Application Alexandria, VA 22313-1450						
1. Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) Applicant claims small entity status.			Con otide a	nputer Progr nd/or Amino	O-R in duplicate, large table or ram (Appendix) Acid Sequence Submission	:	
See 37 CFR 1.27. 3. Specification [Total Pages (preferred arrangement set forth below)]]]	a. [С	•	dable Form (CRF) ace Listing on:		
 Descriptive title of the invention Cross References to Related Applications Statement Regarding Fed sponsored R & D Reference to sequence listing, a table, or a computer program listing appendix 		 i. □ CD-ROM or CD-R (2 copies); or ii. □ paper c. □ Statement verifying identify of above copies 					
 Background of the Invention Brief Summary of the Invention 	ACCOMPANYING APPLICATION PARTS						
- Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 4. Drawing(s) (35 U.S.C. 113) [Total Sheets 2 5. Oath or Declaration [Total Sheets 2 Newly executed (original or copy) Copy from a prior application (37 C.F.R. § 1. a continuation/divisional with Box 17 completed) i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(in the prior application, see 37 C.F.R. 1.63(d. 1.33(b). 6. Application Data Sheet. See 37 CFR 1.76	s) named	9. Assignment Papers (cover sheet & document(s)) 10. 37 C.F.R. § 3.73(b) Statement Power of Attorney 11. English Translation Document (if applicable) 12. Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 13. Preliminary Amendment 14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)) 15. Certified Copy of Priority Document(s) (if foreign priority is claimed)					
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) Of prior application No: Prior application information: Examiner Group / Art Unit: For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS							

6980 Correspondence address below Customer Number: Name Troutman Sanders LLP Bank of America Plaza, Suite 5200 Address 600 Peachtree Street N.E. Zip Code Atlanta State Georgia 30308-2216 City US Telephone (404) 885-3622 Fax 404-962-6512 Country 36,460 Name (Print/Type) Gerald R. Boss Registration No. (Attorney/Agent)

Burden Hour Statement. This form is estimated to take 12 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Mail Stop Patent Application, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

9	
/19	
203	

METHOD OF PAYMENT (check all that apply)				FEE CALCULATION (continued)						
☐ Check ☐ Credit card ☐ Money ☐ Other ☐ None Order				3. ADDITIONAL FEES						
				Large			Entity	-		
Deposit Account:		Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid			
Deposit Account	20-15	507			1051	130	2051	65	Surcharge - late filing fee or oath	
Number		1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.				
Deposit Account Name TROUTMAN SANDERS LLP		1053	130	1053	130	Non-English specification				
		LLP	1812	2,520	1812	2,520	For filing a request for ex parte reexamination			
		1804	920*	1804	920*	Requesting publication of SIR after Examiner action				
The Commissioner	is author	rized to:	(check all that apply)		1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
				ivments	1251	110	2251	55	Extension for reply within first month	
☐ Charge fee(s) indicated below ☐ Credit any overpayments ☐ Charge any additional fee(s) during the pendency of this application			1252	410	2252	205	Extension for reply within second month			
Charge fee(s) indicated below, except for the filing fee to the		1253	930	2253	465	Extension for reply within third month				
above-identified deposit account. FEE CALCULATION				1254	1,450	2254	725	Extension for reply within fourth month		
1. BASIC FILING FEE				1255	1,970	2255	985	Extension for reply within fifth month		
Large Entity	Small	Entity			1401	320	2401	160	Notice of Appeal	
Fee Fee Code (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid	1402	320	2402	160	Filing a brief in support of an appeal	
1001 750	2001	375	Utility filing fee	375.00	1403	280	2403	140	Request for oral hearing	
1002 330	2002	165	Design filing fee		1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1003 520 1004 750	2003 2004	260 375	Plant filing fee Reissue filing fee		1452	110	2452	55	Petition to revive - unavoidable	
1004 750	2005	80	Provisional filing fee		1453	1,300	2453	650	Petition to revive - unintentional	
SUBTOTAL (1) (\$) 375.00		1501	1,300	2501	650	Utility issue fee (or reissue)				
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE				1502	470	2502	235	Design issue fee		
Extra Claims Fee from Fee Paid below		1503	630	2503	315	Plant issue fee				
Total Claims	17	20**		= 0	1460	130	1460	130	Petitions to the Commissioner	
Independent Claims	3		= 0 X	= 0	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
Multiple Dependent		_		= 0	1806	180	1806	180	Submission of Information Disclosure Stmt	
Large Entity Fee Fee	Small Fee	Entity Fee	Fee Descrip	tion	8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
Code (\$)	Code	(\$)			1809	750	2809	375	(umes number or properties) Filing a submission after final rejection (37 CFR 1.129(a))	
	2202 2201	-	Claims in excess of 20 Independent claims in ex	ccess of 3	1810	750	2810	375	For each additional invention to be examined	
1203 280	2203	140	Multiple dependent clain	n, if not paid	1801	750	2801	375	(37 CFR § 1.129(b) Request for Continued Examination (RCE)	
1204 84	2204	42	** Reissue independent original patent	t claims over	1802	900	1802	900	Request for expedited examination of a design	
1205 18	2205	9	** Reissue claims in exc	ess of 20 and				- -	application	
			over original patent		Other fee (specify) * Reduced by Basic Filing Fee Paid SUBTOTAL (3) (5) 0.00					
1			STOTAL (2) (\$)	0.00	* Keduc	ed by Ba	sic Filing	ree Paid	SUBTOTAL (3) (\$)	0.00
**or number previ	**or number previously paid, if greater; For Reissues, see above									

SUBMITTED BY Complete					(if applicable)		
Name (Print/Type)	Gerald R. Boss	Registration. No. (Attorney/Agent)	36,460	Telephone	404-885-3622		
Signature	Level & Bo	02-		Date	September 19, 2003		

WARNING: Information of this may become public. Credit card Information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentially is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.